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(54) Title: A COMPOSITION COMPRISING THE ALCOHOL COMPOUND ISOLATED FROM THE EXTRACT OF CUCURBITACEAE FAMILY PLANT HAVING ANTI-ADIPOGENIC AND ANTI-OBESITY ACTIVITY

(57) Abstract: The present invention is related to an alcohol compound isolated from the extract of Cucurbitaceae family plant having anti-adiopogenic and anti-obesity activity, and a composition comprising the same. The compound showed potent reducing activity of body weight, decreasing effect on the blood triglyceride and cholesterol level, activating activity of PPAR alpha and preventing activity from the adipogenesis of precursor fat cells with no toxicity, therefore, those compound can be useful in treating or preventing obesity and adipogenesis-involved diseases as a medicine or health care food.